MOLDED FIBER OPTIC FERRULE WITH INTEGRALLY FORMED GEOMETRY FEATURES

ABSTRACT OF THE DISCLOSURE

[0060] A molded fiber optic ferrule includes a ferrule body having an end face and a geometry feature integrally formed on an exterior surface of the ferrule body. The ferrule body defines a plurality of fiber bores for receiving end portions of optical fibers and at least one opening through the end face adapted to receive an alignment member for aligning the optical fibers with corresponding end portions of the opposing optical fibers of a mating multifiber ferrule. The geometry feature may include a geometric reference feature or an end face having a first surface normal to the longitudinal axis of the ferrule body and a second surface disposed at an angle relative to the first surface and the longitudinal axis. The geometric reference feature may be utilized to determine the angularity of the end face or the height of the optical fibers relative to the surface of the end face.